

Sub. B10 23. The system of claim ~~2~~ wherein the alarm condition occurs when the first ID does not match the first stored ID.

Sub. B10 24. The system of claim ~~2~~ wherein the transceiver module further includes a processor for comparing the first ID to the first stored ID.

Sub. B10 25. The system of claim ~~1~~ wherein the first ID has an associated energy level, the transceiver module indicating an alarm condition by comparing the energy level to a threshold value.

Sub. B10 26. The system of claim ~~8~~ further including a comparator for comparing the energy level to the threshold value.

Sub. B10 27. The system of claim ~~5~~ wherein the transceiver module further includes a processor for determining the energy level and evaluating whether the energy level is below the threshold value.

Sub. B10 28. The system of claim ~~1~~ further including a second transmitter for transmitting a second ID, the transceiver module receiver receiving the second ID to electronically associate the second transmitter with the transceiver module by generating a second stored ID.

Sub. B10 29. The system of claim ~~8~~ wherein the second transmitter includes a receiver and an alarm, the transceiver module transmitting an alarm signal to the second transmitter receiver upon failure of a preset condition, the second transmitter responding to the alarm signal by activating the alarm.

Sub. B10 30. The system of claim ~~8~~ wherein the transceiver module activates an alarm when the first and the second transmitters are separated by more than a preset distance.

Sub. B10 31. The system of claim ~~1~~ wherein the transceiver module activates an alarm when the first transmitter is separated from the transceiver module by more than a preset distance.

Sub. B10 32. The system of claim ~~8~~ wherein the transceiver module activates an alarm only when both the first and the second transmitters are separated from the transceiver module by more than a preset distance.

- sub.B12* ~~33.~~ The system of claim ~~1~~ further including a controller, the transceiver module wirelessly transmitting messages to the controller, the messages including an indication of receipt of the first ID. ~~21~~
- sub.C7* ~~34.~~ The system of claim ~~13~~ wherein the controller receives messages from a plurality of transceiver modules, the controller determining a location of the transmitter and the locations of the transceiver modules from the messages. ~~33~~
- ~~35.~~ ~~15.~~ The system of claim ~~14~~ wherein the controller includes a processor for determining the locations of the transmitter and the transceiver modules. ~~31~~
- sub.B13* ~~36.~~ The system of claim ~~1~~ further including an actuator connected to the transceiver module, the actuator being actuated upon an indication by the transceiver module of an alarm condition. ~~19~~
- Al Cpt.* ~~37.~~ A method of monitoring objects including the steps of:
transmitting a first ID signal from a first transmitter corresponding to a first object; ~~17~~
receiving the first ID signal at a transceiver module;
associating the first transmitter with the transceiver module by storing a first ID corresponding to the first ID signal;
comparing the first ID signal to the first ID to determine whether a preset condition is satisfied; and
signaling an alarm when the preset condition is not satisfied. ~~38.~~
- ~~18.~~ The method of claim ~~17~~ further including the step of:
determining an energy level of the first ID signal, the preset condition including a condition wherein the energy level is greater than or equal to a preset energy level.

19. The method of claim *17* further including the steps of:
transmitting a second ID signal from a second transmitter corresponding to a
second object;
associating the second transmitter with the first transmitter and the transceiver
module by storing a second ID corresponding to the second ID signal; and
comparing the second ID signal to the second ID to determine whether the
preset condition is satisfied.

20. The method of claim *19* further including the steps of:
receiving at the second transmitter an alarm signal transmitted from the
transceiver module when the preset condition is not satisfied; and
activating an alarm indicator at the second transmitter upon receipt of the
alarm signal.

21. The method of claim *17* wherein the preset condition includes a condition
wherein the first transmitter is within a preset distance from the transceiver module.

22. The method of claim *17* further including the steps of:
transmitting messages from the transceiver module to a controller, the
messages including an indication of receipt by the transceiver module of the first ID signal;
and
determining the location of the first transmitter from the messages.

23. An object monitoring system including:
a plurality of transmitters corresponding to objects to be monitored, the
transmitters each transmitting a respective, unique ID;
a plurality of transceiver modules, each transceiver module including a
receiver for receiving IDs from the transmitters to associate with the transceiver module the
transmitters from which IDs are received by storing IDs corresponding to the received IDs;
and